

INDEX¹

A

- Arcadia*, 14, 61–68, 70–74, 87, 88,
88n3, 89n6, 89n9, 94, 95
- Arrow of time/time's arrow, 65, 66,
73, 95
- Atomic weaponry, 1–3, 8–14, 15n1,
16n6, 19–21, 24, 25, 35, 36n6,
37n9, 41–43, 46–48, 50–57, 94,
96, 97, 99, 100, 105, 106,
112–117, 119, 120n3, 125
- Manhattan Project, the, 14, 41, 46,
51, 55, 56, 113
- Audience/spectator, 9, 11–14, 17n11,
20, 21, 25–27, 32–34, 37n13,
37n14, 43, 46–48, 50, 56,
58n14, 67, 70–72, 77–83, 87,
88, 88n5, 89n7, 99, 102,
107–110, 112, 117, 121n12

B

- Barad, Karen, 118, 120n6, 121n16,
121n17
- Bohr, Margrethe
fictional character, 15, 98–100,
104–110, 112–117, 119,
121n10, 121n11, 122n20,
122n21
historical person, 95
- Bohr, Niels
fictional character, 15, 95, 97–105,
107–119, 120n4, 121n10,
121n16
historical person, 4–6, 41, 42,
95–97, 101, 103, 104, 107,
108, 120n5, 120n7, 120n8
- Burning Glass, The*, 2, 12
- Butler, Elizabeth M., 7, 85

¹Note: Page numbers followed by 'n' refer to notes.

C

- Calculations *vs.* decisions, 5, 16n4, 37n6, 62, 85
- Causality, 13, 25, 26, 62, 89n11, 104, 110, 120n9
- Chaos and complexity, 65
- Cold War, 1–3, 9–14, 15n1, 17n10, 17n11, 19, 20, 22, 23, 25–27, 36n6, 42, 48, 94
- Copenhagen*, 15, 53, 59n17, 94–101, 103, 105–108, 110, 116–118, 120n5, 120n7, 122n19
- Copenhagen Interpretation, 4, 6, 107
- Cramer, John G., 75, 76, 89n10, 89n11, 90n15

D

- D’Andrea, Paul, 11, 14, 40, 42, 53, 58n7, 59n17
- Decisions, 5, 6, 8–10, 13–15, 16n4, 20, 22, 23, 33, 36, 36n6, 40–42, 48, 50, 51, 54, 56, 57, 62–64, 74, 76, 80, 81, 83–85, 87, 88, 93, 94, 101, 111–114, 116, 119, 120n3, 121–122n18
- DeLanda, Manuel, 24, 36n6, 37n7
- Dietz, Steven, 13, 19–21, 25, 27, 36n1, 37n10
- Doubling, 28, 34, 37n11, 80, 95, 109 twins, 28, 34
- Dürrenmatt, Friedrich, 16n8, 58n13

E

- Einstein, Albert
- fictional character, 41, 42, 45–47, 49, 50, 54–57
 - historical person, 3, 5, 6, 11, 14, 39–59, 78, 103, 113, 121n15, 122n19
 - “On the Electrodynamics of Moving Bodies”, 3, 40

Einstein, Eduard

- historical person, 42, 58n7, 58n8

Einstein, Edward

- character, 42–45, 48, 54–57, 58n7, 58n8, 58n10

Einstein Project, The, 14, 39, 40, 45,

- 46, 48, 51, 53, 54, 57, 57n4, 103

Einstein’s letter to FDR, 14, 41, 46, 51, 57n5

Enaction, 3, 13, 20, 29, 34, 48, 58n15, 84

Entropy, 64, 65, 73, 74, 87

Epistemology, 94

Experiments, physical, 28, 30, 31, 35, 37n14, 77, 80

F

- Fallout shelter/bomb shelter, 1, 9, 12, 13, 20–22, 24–26
- Farm Hall, 40, 47, 53–55, 58n14, 99, 113, 120n3
- Faust/Faustus, 6–8, 61, 84–86, 88n3, 93
- Foolin’ Around with Infinity*, 13, 14, 19, 20, 26, 34, 35
- Frayn, Michael, 15, 59n17, 94–103, 105–107, 109, 112, 115, 116, 118, 119, 120n6, 121n10, 121n16, 121n17
- Free will, 73

G

Games/gamification

- chess, 33, 42, 43
- monopoly, 21, 23–25
- war/snap, 35

Genre

- comedy, 68, 76, 77, 81
- courtroom drama, 12, 102, 105
- espionage/spy story, 10, 13, 16n8, 27, 29–34, 47, 105, 106

- melodrama, 32
romance, 62, 68, 74–78, 81, 82, 85, 87
- Gerlach, Walter
fictional character, 45, 47, 53
historical person, 40, 47, 53, 59n20
- Goudsmit, Samuel
historical person and character, 59n19
- H**
- Haber, Fritz
fictional character, 14, 51–54, 59n18
historical person, 14, 51, 56
- Hahn, Otto
fictional character, 40, 50, 53, 54
historical person, 47, 59n19
- Hapgood*, 13, 14, 19, 20, 27–35, 37n11, 105
- Heisenberg's uncertainty principle, 6, 47, 95, 98, 103, 104
- Heisenberg, Werner
fictional character, 6, 15, 16n5, 40, 45, 47–50, 53, 58n8, 59n17, 72, 95–100, 102, 104, 112–115
historical person, 4, 42, 43, 51, 54, 56, 75, 95, 96, 100, 102, 103, 105–112, 114–119, 119–120n3, 120n5, 121n10, 121n16
- I**
- Immerwahr, Clara
fictional character, 51, 55
historical person, 52
- K**
- Klein, Jon, *see* D'Andrea, Paul
- L**
- Licence to Murder*, 12, 23, 105
- M**
- MacColl, Ewan, 11, 12
- Memory/remembling, 14, 15, 28, 40, 45, 49, 50, 79, 80, 82, 83, 95–98, 100, 101, 107–115
- Metaphysics, 5, 6, 13, 75, 95, 107, 118, 121n15
- Mitchell, Adrian, 2, 88n3
- Morgan, Charles, 2, 12
- Morgan, Elaine, 12
- Mutual Assured Destruction (MAD), 13, 24, 26, 37n8
- N**
- Now Then Again*, 14, 61–63, 75–84, 86, 87, 95, 110
- Nuclear power, 11, 15n1, 17n12, 41, 50
- O**
- Observation, 3, 4, 8, 54, 55, 93, 103, 110, 118, 120n8
surveillance, 34, 81, 96, 99, 106
- “On the Electrodynamics of Moving Bodies”, 3, 40
- Oppenheimer, J. Robert
fictional character, 57n1, 106, 112, 113
historical person, 16n8, 105, 113, 116
- P**
- Patriotism, 14, 53
citizenship, 40, 43, 50
- Penniston, Penny, 14, 61, 75, 83–85
- Physicists, The*, 16n8, 58n13

“Pilot Lights of the Apocalypse”, 2,
10, 23
Principle of complementarity, 6
Probability/statistics, 6, 49, 110, 117,
119
Programming/computation, 10, 24,
36n6, 37n7, 51, 66, 71, 74, 77,
81

Q

Quantum physics/quantum theory,
98, 103, 120n7, 120n7, 103,
103, 103, 104, 105, 107, 107,
107, 118, 118, 118
complementarity, 6, 98, 103, 107
Copenhagen Interpretation (under
quantum physics), 4, 6, 107
Heisenberg’s uncertainty principle,
6, 47, 95, 98, 103, 104

R

Relativity, 3, 5, 6, 44, 45, 54, 55, 77,
78, 90n14, 94, 103, 122n19
“On the Electrodynamics of Moving
Bodies”, 3, 5, 40
Ridenour, Louis, 2, 10, 16n7

S

Scarry, Elaine, 17n12, 24, 37n9
Schrödinger, Erwin, 3, 4, 6, 15–16n2,
35, 116, 117, 122n19

Shepherd-Barr, Kirsten, 2, 7, 8,
17n11, 58n15, 94
Stoppard, Tom, 13, 14, 19, 20, 27,
28, 30, 32–35, 61, 63, 64, 67,
68, 72, 74, 88n3, 89n6, 90n16

T

Thermodynamics, 62, 64, 65, 72, 74,
87, 88, 88n2
Thought experiment, 3, 15n2, 30–33
Schrödinger’s cat, 3, 4, 15n2, 35,
117
Tragedy of King Lear, The, 2
Traitor, The, 2, 10, 11, 16n9, 30, 105

U

Uncertainty, 4–6, 15, 16n2, 49, 72,
89n9, 95, 98, 101, 105–107,
111, 116, 118, 119, 120n6,
120n7, 121n18
Uranium 235, 11, 17n11

V

Von Laue, Max
fictional character, 45, 53, 56
historical person, 40, 47, 59n19

W

Watch-standers, 36
Wouk, Hermann, 2, 10, 16n9